

DART SERVICE INSTRUCTION

**TO AMEND INSTALLATION INSTRUCTIONS IIN-D135-1027 REV. E AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D135-1027 REV. 2 OR LATER APPROVED REVISIONS**

REF. TCCA STC: SH18-49
REF. FAA STC: SR04276NY
REF. EASA STC: 10068097
REF. DGAC MEXICO STC: IA-633/2019

1.0 PURPOSE

The purpose of this Dart Service Instruction (DSI) is to provide instructions for modifying the DART D135-1027-101/103 forward crosstube for compatibility with the attachment hardware of Airbus Helicopters Service Bulletin (SB) EC135-32-013, current-version standard steps, multifunctional steps, and emergency float steps.

Airbus Helicopters has issued SB EC135-32-013 providing instruction on retrofitting standard steps for compatibility with the multifunctional step or the emergency float step. Some holes in the DART forward crosstube must be enlarged to allow installation of the Airbus Helicopters steps covered by the SB.

2.0 INSTALLATION

- 2.1 If present, remove standard entrance step and attachment hardware from landing gear in accordance with Airbus Helicopters SB EC135-32-013.
- 2.2 Drill 14H7 Ø (range of tolerance 14.0 mm to 14.018 mm) on the aft side of forward crosstube only. Leave the holes in the forward side of the forward crosstube at Ø 12mm. Refer to Figure 1 of this DSI.
- 2.3 Deburr all drilled holes and remove any debris from the inside of the crosstube. Touch up affected area per section 5.3.10 of ICA-D135-1027.
- 2.4 If retrofitting Airbus Helicopters standard steps, install step bracket attachment fitting in accordance with Airbus Helicopters SB EC135-32-013. Otherwise, install the Airbus Helicopters steps in accordance with the Aircraft Maintenance Manual.
- B** 2.5 It is acceptable to enlarge/elongate the mounting holes on the Airbus Helicopters steps by up to 0.040" (1.0mm) to ensure alignment with the step mounting holes in the Dart crosstubes.

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	D. SHEPHERD (DE # 02)
DATE:	22.05.13
CERT. NO.:	SH18-49
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APPROVED

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DESIGN	SAD	DART AEROSPACE LTD		
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APPROVED	IT	TITLE	SCALE	
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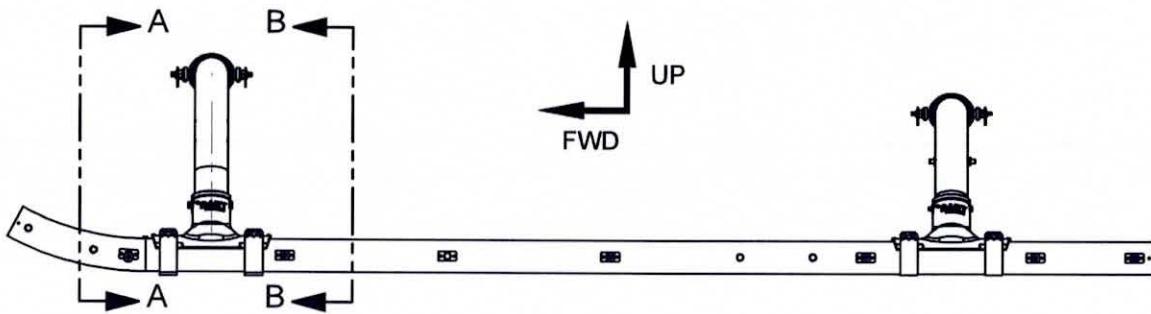
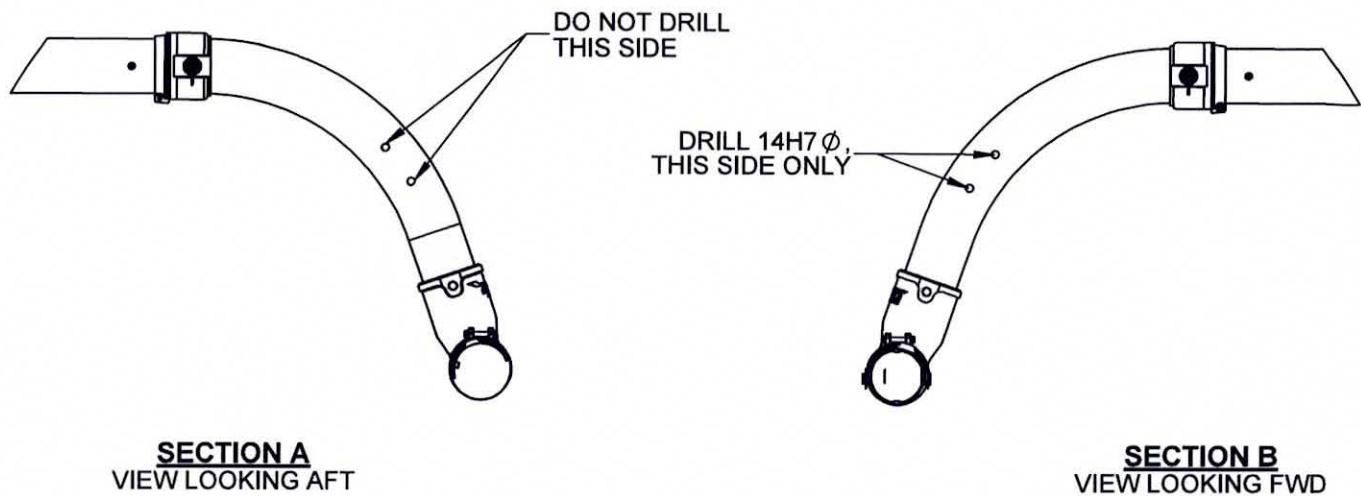


FIGURE 1
EC 135 LANDING GEAR



3.0 WEIGHT AND BALANCE

This DSI has negligible effect on weight and balance.

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